

honors algebra 2

Daily Course Lesson Plan

On the pages that follow is a daily lesson guide for you and your student to follow in order to stay on track with Thinkwell's Honors Algebra 2 coursework.

Under each week's header you'll see which chapters are covered along with each day's assignments for that week. The duration for each topic's video lesson is also noted. Feel free to work as quickly or as slowly through the content as is appropriate for your student's learning style.

We suggest printing this daily lesson plan and keeping it handy. Please let us know if you have any questions about the content here. Email us at support@thinkwell.com.

Welcome to Thinkwell's Homeschool Honors Algebra 2!

Thank you for making us part of your homeschool curriculum. This 36-week daily lesson plan is meant to be a guide for you and your homeschool student. Feel free to modify this plan to suit your individual needs.

As described below, each day your student will study a different topic and all the materials associated with that topic, such as video lectures, exercises, and worksheets. Expect to spend about an hour to an hour and a half per day on the content suggested here.

If you follow our day-by-day schedule, you'll complete the full curriculum for the course in 36 weeks. Please let us know if we can assist you with any of the material here. We're happy to be your partner in thinking well.

Suggested Weekly Pacing Guide:

Week 1	1.1 Properties and Operations
Week 2	1.2 Introduction to Functions
Week 3	Test – 1.1 & 1.2 ♦ 2.1 Linear Equations and Inequalities
Week 4	2.1 Linear Equations and Inequalities (Cont.) ♦ 2.2 Applying Linear Functions
Week 5	2.2 Applying Linear Functions (Cont.) ♦ Test – 2.1 & 2.2 ♦ 3.1 Linear Systems in Two Dimensions
Week 6	3.1 Linear Systems in Two Dimensions (Cont.) ♦ 3.2 Linear Systems in Three Dimensions
Week 7	3.2 Linear Systems in Three Dimensions (Cont.) ♦ Test – 3.1 & 3.2
Week 8	4.1 Matrix Operations
Week 9	4.2 Using Matrices to Solve Systems
Week 10	Test – 4.1 & 4.2 ♦ 5.1 Quadratic Functions and Complex Numbers
Week 11	5.1 Quadratic Functions and Complex Numbers (Cont.) ♦ 5.2 Applying Quadratic Functions
Week 12	5.2 Applying Quadratic Functions (Cont.) ♦ Test – 5.1 & 5.2
Week 13	6.1 Operations with Polynomials
Week 14	6.1 Operations with Polynomials (Cont.) ♦ 6.2 Roots and Graphs of Polynomial Functions
Week 15	6.2 Roots and Graphs of Polynomial Functions (Cont.)

Week 16	Test – 6.1 & 6.2 ♦ 7.1 Exponential Functions and Logarithms
Week 17	7.1 Exponential Functions and Logarithms (Cont.) ♦ 7.2 Applying Exponential and Logarithmic Functions
Week 18	7.2 Applying Exponential and Logarithmic Functions (Cont.) ♦ Test – 7.1 & 7.2
Week 19	Exam – Modules 1-17 ♦ 8.1 Rational Functions
Week 20	8.1 Rational Functions (Cont.) ♦ 8.2 Radical Functions
Week 21	8.2 Radical Functions (Cont.)
Week 22	Test – 8.1 & 8.2 ♦ 9.1 Functions and Their Graphs
Week 23	9.1 Functions and Their Graphs (Cont.) ♦ 9.2 Functional Relationships
Week 24	9.2 Functional Relationships (Cont.) ♦ Test – 9.1 & 9.2 ♦ 10.1 Understanding Conic Sections
Week 25	10.1 Understanding Conic Sections (Cont.)
Week 26	10.2 Applying Conic Sections
Week 27	Test – 10.1 & 10.2 ♦ 11.1 Probability
Week 28	11.1 Probability (Cont.) ♦ 11.2 Data Analysis and Statistics
Week 29	11.2 Data Analysis and Statistics (Cont.) ♦ Test – 11.1 & 11.2 ♦ 12.1 Exploring Arithmetic Sequences and Series
Week 30	12.1 Exploring Arithmetic Sequences and Series (Cont.) ♦ 12.2 Exploring Geometric Sequences and Series
Week 31	12.2 Exploring Geometric Sequences and Series (Cont.) ♦ Test – 12.1 & 12.2 ♦ 13.1 Introduction to Trigonometric Functions
Week 32	13.1 Introduction to Trigonometric Functions (Cont.)
Week 33	13.2 Applying Trigonometric Functions
Week 34	Test – 13.1 & 13.2 ♦ 14.1 Exploring Trigonometric Graphs
Week 35	14.2 Trigonometric Identities
Week 36	14.2 Trigonometric Identities (Cont.) ♦ Test – 14.1 & 14.2 ♦ Exam – Modules 19-35

Suggested Daily Pacing Guide:**Week 1** 1.1 Properties and Operations

<i>Assignments</i>	<i>Notes</i>
<u>Week 1, Day 1</u> <input type="checkbox"/> 1.1.1 Sets of Numbers (12:28) <input type="checkbox"/> 1.1.2 Properties of Real Numbers (9:45)	
<u>Week 1, Day 2</u> <input type="checkbox"/> 1.1.3 Square Roots (13:36) <input type="checkbox"/> 1.1.4 Simplifying Algebraic Expressions (13:22)	
<u>Week 1, Day 3</u> <input type="checkbox"/> 1.1.5 Properties of Exponents and Scientific Notation (12:08)	
<u>Week 1, Day 4</u> <input type="checkbox"/> 1.1 Review Worksheet: Properties and Operations, Parts 1 and 2	
<u>Week 1, Day 5</u> <input type="checkbox"/> Quiz – 1.1	Score: _____

Week 2 1.2 Introduction to Functions

<i>Assignments</i>	<i>Notes</i>
<u>Week 2, Day 1</u> <input type="checkbox"/> 1.2.1 Relations and Functions (8:25) <input type="checkbox"/> 1.2.2 Function Notation (13:34)	
<u>Week 2, Day 2</u> <input type="checkbox"/> 1.2.3 Exploring Transformations (13:38) <input type="checkbox"/> 1.2.4 Introduction to Parent Functions (9:50)	
<u>Week 2, Day 3</u> <input type="checkbox"/> 1.2 Review Worksheet: Introduction to Functions	
<u>Week 2, Day 4</u> <input type="checkbox"/> Quiz – 1.2	Score: _____
<u>Week 2, Day 5</u> <input type="checkbox"/> Practice Test – 1.1 & 1.2	

Week 3 Test – 1.1 & 1.2 ♦ 2.1 Linear Equations and Inequalities

<i>Assignments</i>	<i>Notes</i>
<u>Week 3, Day 1</u> <input type="checkbox"/> Test – 1.1 & 1.2	Score: _____
<u>Week 3, Day 2</u> <input type="checkbox"/> 2.1.1 Solving Linear Equations and Inequalities (18:48) <input type="checkbox"/> 2.1.2 Proportional Reasoning (12:12)	
<u>Week 3, Day 3</u> <input type="checkbox"/> 2.1.3 Graphing Linear Functions (17:50)	
<u>Week 3, Day 4</u> <input type="checkbox"/> 2.1.4 Writing Linear Functions (20:42)	
<u>Week 3, Day 5</u> <input type="checkbox"/> 2.1.5 Linear Inequalities in Two Variables (17:00)	

Week 4 2.1 Linear Equations and Inequalities (Cont.) ♦ 2.2 Applying Linear Functions

<i>Assignments</i>	<i>Notes</i>
<u>Week 4, Day 1</u> <input type="checkbox"/> 2.1 Review Worksheet: Linear Equations and Inequalities, Parts 1 and 2	
<u>Week 4, Day 2</u> <input type="checkbox"/> Quiz – 2.1	Score: _____
<u>Week 4, Day 3</u> <input type="checkbox"/> 2.2.1 Transforming Linear Functions (14:34) <input type="checkbox"/> 2.2.2 Curve Fitting With Linear Models (18:48)	
<u>Week 4, Day 4</u> <input type="checkbox"/> 2.2.3 Solving Absolute-Value Equations and Inequalities (26:25)	
<u>Week 4, Day 5</u> <input type="checkbox"/> 2.2.4 Absolute-Value Functions (15:14)	

Week 5 2.2 Applying Linear Functions (Cont.) ♦ Test – 2.1 & 2.2 ♦ 3.1 Linear Systems in Two Dimensions

<i>Assignments</i>	<i>Notes</i>
<u>Week 5, Day 1</u> <input type="checkbox"/> 2.2 Review Worksheet: Applying Linear Functions	
<u>Week 5, Day 2</u> <input type="checkbox"/> Quiz – 2.2	Score: _____
<u>Week 5, Day 3</u> <input type="checkbox"/> Practice Test – 2.1 & 2.2	
<u>Week 5, Day 4</u> <input type="checkbox"/> Test – 2.1 & 2.2	Score: _____
<u>Week 5, Day 5</u> <input type="checkbox"/> 3.1.1 Using Graphs and Tables to Solve Linear Systems (17:48)	

Week 6 3.1 Linear Systems in Two Dimensions (Cont.) ♦ 3.2 Linear Systems in Three Dimensions

<i>Assignments</i>	<i>Notes</i>
<u>Week 6, Day 1</u> <input type="checkbox"/> 3.1.2 Using Algebraic Methods to Solve Linear Systems (21:33)	
<u>Week 6, Day 2</u> <input type="checkbox"/> 3.1.3 Solving Systems of Linear Inequalities (21:11) <input type="checkbox"/> 3.1.4 Linear Programming (25:49)	
<u>Week 6, Day 3</u> <input type="checkbox"/> 3.1 Review Worksheet: Linear Systems in Two Dimensions	
<u>Week 6, Day 4</u> <input type="checkbox"/> Quiz – 3.1	Score: _____
<u>Week 6, Day 5</u> <input type="checkbox"/> 3.2.1 Linear Equations in Three Dimensions (12:04)	

Week 7 3.2 Linear Systems in Three Dimensions (Cont.) ♦ Test – 3.1 & 3.2

<i>Assignments</i>	<i>Notes</i>
<u>Week 7, Day 1</u> <input type="checkbox"/> 3.2.2 Solving Linear Systems in Three Variables (23:13)	
<u>Week 7, Day 2</u> <input type="checkbox"/> 3.2 Review Worksheet: Linear Systems in Three Dimensions	
<u>Week 7, Day 3</u> <input type="checkbox"/> Quiz – 3.2	Score: _____
<u>Week 7, Day 4</u> <input type="checkbox"/> Practice Test – 3.1 & 3.2	
<u>Week 7, Day 5</u> <input type="checkbox"/> Test – 3.1 & 3.2	Score: _____

Week 8 4.1 Matrix Operations

<i>Assignments</i>	<i>Notes</i>
<u>Week 8, Day 1</u> <input type="checkbox"/> 4.1.1 Matrices and Data (13:56)	
<u>Week 8, Day 2</u> <input type="checkbox"/> 4.1.2 Multiplying Matrices (16:39)	
<u>Week 8, Day 3</u> <input type="checkbox"/> 4.1.3 Using Matrices to Transform Geometric Figures (16:03)	
<u>Week 8, Day 4</u> <input type="checkbox"/> 4.1 Review Worksheet: Matrix Operations	
<u>Week 8, Day 5</u> <input type="checkbox"/> Quiz – 4.1	Score: _____

Week 9 4.2 Using Matrices to Solve Systems

<i>Assignments</i>	<i>Notes</i>
<u>Week 9, Day 1</u> <input type="checkbox"/> 4.2.1 Determinants and Cramer's Rule (32:39)	
<u>Week 9, Day 2</u> <input type="checkbox"/> 4.2.2 Matrix Inverses and Solving Systems (17:31)	
<u>Week 9, Day 3</u> <input type="checkbox"/> 4.2.3 Row Operations and Augmented Matrices (18:55)	
<u>Week 9, Day 4</u> <input type="checkbox"/> 4.2 Review Worksheet: Using Matrices to Solve Systems	
<u>Week 9, Day 5</u> <input type="checkbox"/> Quiz – 4.2	Score: _____

Week 10 Test – 4.1 & 4.2  5.1 Quadratic Functions and Complex Numbers

<i>Assignments</i>	<i>Notes</i>
<u>Week 10, Day 1</u> <input type="checkbox"/> Practice Test – 4.1 & 4.2	
<u>Week 10, Day 2</u> <input type="checkbox"/> Test – 4.1 & 4.2	Score: _____
<u>Week 10, Day 3</u> <input type="checkbox"/> 5.1.1 Using Transformations to Graph Quadratic Functions (15:57) <input type="checkbox"/> 5.1.2 Properties of Quadratic Functions in Standard Form (12:22)	
<u>Week 10, Day 4</u> <input type="checkbox"/> 5.1.3 Solving Quadratic Equations by Graphing and Factoring (14:11)	
<u>Week 10, Day 5</u> <input type="checkbox"/> 5.1.4 Completing the Square (16:45)	

Week 11 5.1 Quadratic Functions and Complex Numbers (Cont.) ♦ 5.2 Applying Quadratic Functions

<i>Assignments</i>	<i>Notes</i>
<u>Week 11, Day 1</u> <input type="checkbox"/> 5.1.5 Complex Numbers and Roots (11:18) <input type="checkbox"/> 5.1.6 The Quadratic Formula (14:29)	
<u>Week 11, Day 2</u> <input type="checkbox"/> 5.1 Review Worksheet: Quadratic Functions and Complex Numbers, Parts 1 and 2	
<u>Week 11, Day 3</u> <input type="checkbox"/> Quiz – 5.1	Score: _____
<u>Week 11, Day 4</u> <input type="checkbox"/> 5.2.1 Solving Quadratic Inequalities (16:29)	
<u>Week 11, Day 5</u> <input type="checkbox"/> 5.2.2 Curve Fitting with Quadratic Models (10:57)	

Week 12 5.2 Applying Quadratic Functions (Cont.) ♦ Test – 5.1 & 5.2

<i>Assignments</i>	<i>Notes</i>
<u>Week 12, Day 1</u> <input type="checkbox"/> 5.2.3 Operations with Complex Numbers (20:32)	
<u>Week 12, Day 2</u> <input type="checkbox"/> 5.2 Review Worksheet: Applying Quadratic Functions	
<u>Week 12, Day 3</u> <input type="checkbox"/> Quiz – 5.2	Score: _____
<u>Week 12, Day 4</u> <input type="checkbox"/> Practice Test – 5.1 & 5.2	
<u>Week 12, Day 5</u> <input type="checkbox"/> Test – 5.1 & 5.2	Score: _____

Week 13 6.1 Operations with Polynomials

<i>Assignments</i>	<i>Notes</i>
<u>Week 13, Day 1</u> <input type="checkbox"/> 6.1.1 Polynomials (15:05)	
<u>Week 13, Day 2</u> <input type="checkbox"/> 6.1.2 Adding and Subtracting Polynomials (16:07)	
<u>Week 13, Day 3</u> <input type="checkbox"/> 6.1.3 Multiplying Polynomials (29:35)	
<u>Week 13, Day 4</u> <input type="checkbox"/> 6.1.4 Factoring Polynomials (29:30)	
<u>Week 13, Day 5</u> <input type="checkbox"/> 6.1.5 Dividing Polynomials (15:30)	

Week 14 6.1 Operations with Polynomials (Cont.) ◆ 6.2 Roots and Graphs of Polynomial Functions


<i>Assignments</i>	<i>Notes</i>
<u>Week 14, Day 1</u> <input type="checkbox"/> 6.1.6 Synthetic Division and the Remainder and Factor Theorems (37:50)	
<u>Week 14, Day 2</u> <input type="checkbox"/> 6.1 Review Worksheet: Operations with Polynomials, Parts 1 and 2	
<u>Week 14, Day 3</u> <input type="checkbox"/> Quiz – 6.1	Score: _____
<u>Week 14, Day 4</u> <input type="checkbox"/> 6.2.1 Finding Real Roots of Polynomial Equations (18:10)	
<u>Week 14, Day 5</u> <input type="checkbox"/> 6.2.2 Fundamental Theorem of Algebra (20:37)	

Week 15 6.2 Roots and Graphs of Polynomial Functions (Cont.)

<i>Assignments</i>	<i>Notes</i>
<u>Week 15, Day 1</u> <input type="checkbox"/> 6.2.3 Investigating Graphs of Polynomial Functions (20:05)	
<u>Week 15, Day 2</u> <input type="checkbox"/> 6.2.4 Transforming Polynomial Functions (17:23)	
<u>Week 15, Day 3</u> <input type="checkbox"/> 6.2.5 Curve Fitting with Polynomial Models (15:34)	
<u>Week 15, Day 4</u> <input type="checkbox"/> 6.2 Review Worksheet: Roots and Graphs of Polynomial Functions, Parts 1 and 2	
<u>Week 15, Day 5</u> <input type="checkbox"/> Quiz – 6.2	Score: _____

Week 16 Test – 6.1 & 6.2  7.1 Exponential Functions and Logarithms


<i>Assignments</i>	<i>Notes</i>
<u>Week 16, Day 1</u> <input type="checkbox"/> Practice Test – 6.1 & 6.2	
<u>Week 16, Day 2</u> <input type="checkbox"/> Test – 6.1 & 6.2	Score: _____
<u>Week 16, Day 3</u> <input type="checkbox"/> 7.1.1 Exponential Functions, Growth, and Decay (15:14)	
<u>Week 16, Day 4</u> <input type="checkbox"/> 7.1.2 Inverses of Relations and Functions (18:36)	
<u>Week 16, Day 5</u> <input type="checkbox"/> 7.1.3 Logarithmic Functions (20:29)	

Week 17 7.1 Exponential Functions and Logarithms (Cont.)  7.2 Applying Exponential and Logarithmic Functions


<i>Assignments</i>	<i>Notes</i>
<u>Week 17, Day 1</u> <input type="checkbox"/> 7.1.4 Properties of Logarithms (21:14)	
<u>Week 17, Day 2</u> <input type="checkbox"/> 7.1 Review Worksheet: Exponential Functions and Logarithms	
<u>Week 17, Day 3</u> <input type="checkbox"/> Quiz – 7.1	Score: _____
<u>Week 17, Day 4</u> <input type="checkbox"/> 7.2.1 Exponential and Logarithmic Equations and Inequalities (26:15)	
<u>Week 17, Day 5</u> <input type="checkbox"/> 7.2.2 The Natural Base, e (16:51)	

Week 18 7.2 Applying Exponential and Logarithmic Functions (Cont.)  Test – 7.1 & 7.2

<i>Assignments</i>	<i>Notes</i>
<u>Week 18, Day 1</u> <input type="checkbox"/> 7.2.3 Transforming Exponential and Logarithmic Functions (21:26) <input type="checkbox"/> 7.2.4 Curve Fitting With Exponential and Logarithmic Models (8:52)	
<u>Week 18, Day 2</u> <input type="checkbox"/> 7.2 Review Worksheet: Applying Exponential and Logarithmic Functions	
<u>Week 18, Day 3</u> <input type="checkbox"/> Quiz – 7.2	Score: _____
<u>Week 18, Day 4</u> <input type="checkbox"/> Practice Test – 7.1 & 7.2	
<u>Week 18, Day 5</u> <input type="checkbox"/> Test – 7.1 & 7.2	Score: _____

Week 19 Exam – Modules 1-17  8.1 Rational Functions

<i>Assignments</i>	<i>Notes</i>
<u>Week 19, Day 1</u> <input type="checkbox"/> Practice Exam – Modules 1-17	
<u>Week 19, Day 2</u> <input type="checkbox"/> Exam – Modules 1-17	Score: _____
<u>Week 19, Day 3</u> <input type="checkbox"/> 8.1.1 Variation Functions (27:15)	
<u>Week 19, Day 4</u> <input type="checkbox"/> 8.1.2 Multiplying and Dividing Rational Expressions (29:28)	
<u>Week 19, Day 5</u> <input type="checkbox"/> 8.1.3 Adding and Subtracting Rational Expressions (33:08)	

Week 20 8.1 Rational Functions (Cont.)  8.2 Radical Functions

<i>Assignments</i>	<i>Notes</i>
<u>Week 20, Day 1</u> <input type="checkbox"/> 8.1.4 Rational Functions (31:31)	
<u>Week 20, Day 2</u> <input type="checkbox"/> 8.1.5 Solving Rational Equations and Inequalities (32:37)	
<u>Week 20, Day 3</u> <input type="checkbox"/> 8.1 Review Worksheet: Rational Functions, Parts 1 and 2	
<u>Week 20, Day 4</u> <input type="checkbox"/> Quiz – 8.1	Score: _____
<u>Week 20, Day 5</u> <input type="checkbox"/> 8.2.1 Radical Expressions and Rational Exponents (22:05)	

Week 21 8.2 Radical Functions (Cont.)

<i>Assignments</i>	<i>Notes</i>
<u>Week 21, Day 1</u> <input type="checkbox"/> 8.2.2 Radical Functions (25:02)	
<u>Week 21, Day 2</u> <input type="checkbox"/> 8.2.3 Solving Radical Equations and Inequalities (28:42)	
<u>Week 21, Day 3</u> <input type="checkbox"/> 8.2 Review Worksheet: Radical Functions	
<u>Week 21, Day 4</u> <input type="checkbox"/> Quiz – 8.2	Score: _____
<u>Week 21, Day 5</u> <input type="checkbox"/> Practice Test – 8.1 & 8.2	

Week 22 Test – 8.1 & 8.2  9.1 Functions and Their Graphs

<i>Assignments</i>	<i>Notes</i>
<u>Week 22, Day 1</u> <input type="checkbox"/> Test – 8.1 & 8.2	Score: _____
<u>Week 22, Day 2</u> <input type="checkbox"/> 9.1.1 Multiple Representations of Functions (18:25)	
<u>Week 22, Day 3</u> <input type="checkbox"/> 9.1.2 Piecewise Functions (19:14)	
<u>Week 22, Day 4</u> <input type="checkbox"/> 9.1.3 Transforming Functions (16:10)	
<u>Week 22, Day 5</u> <input type="checkbox"/> 9.1 Review Worksheet: Functions and Their Graphs	

Week 23 9.1 Functions and Their Graphs (Cont.) ◆ 9.2 Functional Relationships

<i>Assignments</i>	<i>Notes</i>
<u>Week 23, Day 1</u> <input type="checkbox"/> Quiz – 9.1	Score: _____
<u>Week 23, Day 2</u> <input type="checkbox"/> 9.2.1 Operations with Functions (18:26)	
<u>Week 23, Day 3</u> <input type="checkbox"/> 9.2.2 Functions and Their Inverses (12:24)	
<u>Week 23, Day 4</u> <input type="checkbox"/> 9.2.3 Modeling Real-World Data (16:59)	
<u>Week 23, Day 5</u> <input type="checkbox"/> 9.2 Review Worksheet: Functional Relationships	

Week 24 9.2 Functional Relationships (Cont.) ◆ Test – 9.1 & 9.2 ◆ 10.1 Understanding Conic Sections

<i>Assignments</i>	<i>Notes</i>
<u>Week 24, Day 1</u> <input type="checkbox"/> Quiz – 9.2	Score: _____
<u>Week 24, Day 2</u> <input type="checkbox"/> Practice Test – 9.1 & 9.2	
<u>Week 24, Day 3</u> <input type="checkbox"/> Test – 9.1 & 9.2	Score: _____
<u>Week 24, Day 4</u> <input type="checkbox"/> 10.1.1 Introduction to Conic Sections (15:39)	
<u>Week 24, Day 5</u> <input type="checkbox"/> 10.1.2 Circles (14:57)	

Week 25 10.1 Understanding Conic Sections (Cont.)

<i>Assignments</i>	<i>Notes</i>
<u>Week 25, Day 1</u> <input type="checkbox"/> 10.1.3 Ellipses (21:23)	
<u>Week 25, Day 2</u> <input type="checkbox"/> 10.1.4 Hyperbolas (22:36)	
<u>Week 25, Day 3</u> <input type="checkbox"/> 10.1.5 Parabolas (23:03)	
<u>Week 25, Day 4</u> <input type="checkbox"/> 10.1 Review Worksheet: Understanding Conic Sections, Parts 1 and 2	
<u>Week 25, Day 5</u> <input type="checkbox"/> Quiz – 10.1	Score: _____

Week 26 10.2 Applying Conic Sections

<i>Assignments</i>	<i>Notes</i>
<u>Week 26, Day 1</u> <input type="checkbox"/> 10.2.1 Identifying Conic Sections (22:23)	
<u>Week 26, Day 2</u> <input type="checkbox"/> 10.2.2 Solving Nonlinear Systems (27:11)	
<u>Week 26, Day 3</u> <input type="checkbox"/> 10.2 Review Worksheet: Applying Conic Sections	
<u>Week 26, Day 4</u> <input type="checkbox"/> Quiz – 10.2	Score: _____
<u>Week 26, Day 5</u> <input type="checkbox"/> Practice Test – 10.1 & 10.2	

Week 27 Test – 10.1 & 10.2 ◆ 11.1 Probability

<i>Assignments</i>	<i>Notes</i>
<u>Week 27, Day 1</u> <input type="checkbox"/> Test – 10.1 & 10.2	Score: _____
<u>Week 27, Day 2</u> <input type="checkbox"/> 11.1.1 Permutations and Combinations (17:53)	
<u>Week 27, Day 3</u> <input type="checkbox"/> 11.1.2 Theoretical and Experimental Probability (19:07)	
<u>Week 27, Day 4</u> <input type="checkbox"/> 11.1.3 Independent and Dependent Events (20:57)	
<u>Week 27, Day 5</u> <input type="checkbox"/> 11.1.4 Compound Events (20:25)	

Week 28 11.1 Probability (Cont.) ◆ 11.2 Data Analysis and Statistics

<i>Assignments</i>	<i>Notes</i>
<u>Week 28, Day 1</u> <input type="checkbox"/> 11.1 Review Worksheet: Probability	
<u>Week 28, Day 2</u> <input type="checkbox"/> Quiz – 11.1	Score: _____
<u>Week 28, Day 3</u> <input type="checkbox"/> 11.2.1 Measures of Central Tendency and Variation (18:46)	
<u>Week 28, Day 4</u> <input type="checkbox"/> 11.2.2 Binomial Distributions (14:46)	
<u>Week 28, Day 5</u> <input type="checkbox"/> 11.2 Review Worksheet: Data Analysis and Statistics	

Week 29 11.2 Data Analysis and Statistics (Cont.) ♦ Test – 11.1 & 11.2 ♦ 12.1 Exploring Arithmetic Sequences and Series

<i>Assignments</i>	<i>Notes</i>
<u>Week 29, Day 1</u> <input type="checkbox"/> Quiz – 11.2	Score: _____
<u>Week 29, Day 2</u> <input type="checkbox"/> Practice Test – 11.1 & 11.2	
<u>Week 29, Day 3</u> <input type="checkbox"/> Test – 11.1 & 11.2	Score: _____
<u>Week 29, Day 4</u> <input type="checkbox"/> 12.1.1 Introduction to Sequences (20:03)	
<u>Week 29, Day 5</u> <input type="checkbox"/> 12.1.2 Series and Summation Notation (18:22)	

Week 30 12.1 Exploring Arithmetic Sequences and Series (Cont.) ♦ 12.2 Exploring Geometric Sequences and Series

<i>Assignments</i>	<i>Notes</i>
<u>Week 30, Day 1</u> <input type="checkbox"/> 12.1.3 Arithmetic Sequences and Series (21:03)	
<u>Week 30, Day 2</u> <input type="checkbox"/> 12.1 Review Worksheet: Exploring Arithmetic Sequences and Series	
<u>Week 30, Day 3</u> <input type="checkbox"/> Quiz – 12.1	Score: _____
<u>Week 30, Day 4</u> <input type="checkbox"/> 12.2.1 Geometric Sequences and Series (19:27)	
<u>Week 30, Day 5</u> <input type="checkbox"/> 12.2.2 Mathematical Induction and Infinite Geometric Series (22:13)	

Week 31 12.2 Exploring Geometric Sequences and Series (Cont.) ♦ Test – 12.1 & 12.2 ♦ 13.1 Introduction to Trigonometric Functions

<i>Assignments</i>	<i>Notes</i>
<u>Week 31, Day 1</u> <input type="checkbox"/> 12.2 Review Worksheet: Exploring Geometric Sequences and Series	
<u>Week 31, Day 2</u> <input type="checkbox"/> Quiz – 12.2	Score: _____
<u>Week 31, Day 3</u> <input type="checkbox"/> Practice Test – 12.1 & 12.2	
<u>Week 31, Day 4</u> <input type="checkbox"/> Test – 12.1 & 12.2	Score: _____
<u>Week 31, Day 5</u> <input type="checkbox"/> 13.1.1 Right-Angle Trigonometry (20:03)	

Week 32 13.1 Introduction to Trigonometric Functions (Cont.)

<i>Assignments</i>	<i>Notes</i>
<u>Week 32, Day 1</u> <input type="checkbox"/> 13.1.2 Angles of Rotation (22:19)	
<u>Week 32, Day 2</u> <input type="checkbox"/> 13.1.3 The Unit Circle (23:28)	
<u>Week 32, Day 3</u> <input type="checkbox"/> 13.1.4 Inverses of Trigonometric Functions (18:18)	
<u>Week 32, Day 4</u> <input type="checkbox"/> 13.1 Review Worksheet: Introduction to Trigonometric Functions, Parts 1 and 2	
<u>Week 32, Day 5</u> <input type="checkbox"/> Quiz – 13.1	Score: _____

Week 33 13.2 Applying Trigonometric Functions

<i>Assignments</i>	<i>Notes</i>
<u>Week 33, Day 1</u> <input type="checkbox"/> 13.2.1 The Law of Sines (23:49)	
<u>Week 33, Day 2</u> <input type="checkbox"/> 13.2.2 The Law of Cosines (21:39)	
<u>Week 33, Day 3</u> <input type="checkbox"/> 13.2 Review Worksheet: Applying Trigonometric Functions	
<u>Week 33, Day 4</u> <input type="checkbox"/> Quiz – 13.2	Score: _____
<u>Week 33, Day 5</u> <input type="checkbox"/> Practice Test – 13.1 & 13.2	

Week 34 Test – 13.1 & 13.2 ◆ 14.1 Exploring Trigonometric Graphs

<i>Assignments</i>	<i>Notes</i>
<u>Week 34, Day 1</u> <input type="checkbox"/> Test – 13.1 & 13.2	Score: _____
<u>Week 34, Day 2</u> <input type="checkbox"/> 14.1.1 Graphs of Sine and Cosine (14:37)	
<u>Week 34, Day 3</u> <input type="checkbox"/> 14.1.2 Graphs of Other Trigonometric Functions (12:21)	
<u>Week 34, Day 4</u> <input type="checkbox"/> 14.1 Review Worksheet: Exploring Trigonometric Graphs	
<u>Week 34, Day 5</u> <input type="checkbox"/> Quiz – 14.1	Score: _____

Week 35 14.2 Trigonometric Identities

<i>Assignments</i>	<i>Notes</i>
<u>Week 35, Day 1</u> <input type="checkbox"/> 14.2.1 Fundamental Trigonometric Identities (12:23)	
<u>Week 35, Day 2</u> <input type="checkbox"/> 14.2.2 Sum and Difference Identities (28:46)	
<u>Week 35, Day 3</u> <input type="checkbox"/> 14.2.3 Double-Angle and Half-Angle Identities (23:27)	
<u>Week 35, Day 4</u> <input type="checkbox"/> 14.2.4 Solving Trigonometric Equations (15:59)	
<u>Week 35, Day 5</u> <input type="checkbox"/> 14.2 Review Worksheet: Trigonometric Identities	

Week 36 14.2 Trigonometric Identities (Cont.) ♦ Test – 14.1 & 14.2 ♦ Exam – Modules 19-35

<i>Assignments</i>	<i>Notes</i>
<u>Week 36, Day 1</u> <input type="checkbox"/> Quiz – 14.2	Score: _____
<u>Week 36, Day 2</u> <input type="checkbox"/> Practice Test – 14.1 & 14.2	
<u>Week 36, Day 3</u> <input type="checkbox"/> Test – 14.1 & 14.2	Score: _____
<u>Week 36, Day 4</u> <input type="checkbox"/> Practice Exam – Modules 19-35	
<u>Week 36, Day 5</u> <input type="checkbox"/> Exam – Modules 19-35	Score: _____